

List of reference characters

1, 1'	Electropneumatic pressure transducer
2, 2'	Valve unit
3, 3'	Diaphragm
4, 4'	Solenoid plunger system
5, 5'	Connection
6, 6'	Connection
7, 7'	Valve chamber
8, 8'	Connection
41, 41'	Coil
42, 42'	Shell or sleeve
43, 43'	Holding device
44, 44'	Plain bearing bush
45, 45'	Solenoid plunger
45a, 45'a	Recess
46, 46'	Spacer
47, 47'	Shell or sleeve
47a, 47'a	Recess
48, 48'	Iron core
48a, 48'a	Recess
48b, 48'b	Recess
48c, 48'c	Recess
49, 49'	Air gap
50, 50'	Yoke
51, 51'	Adjustment ring
51a, 51'a	Recess
51b, 51'b	Recess

A Partial view

M Magnetic field line

l Magnetically effective length of the annular groove